

# SCORE Search Results Details for Application 10621269 and Search Result 20081027\_145928\_us-10-621-269a-10.rapbm.

<a href="#">Score Home</a>	<a href="#">Retrieve Application</a>	<a href="#">SCORE System</a>	<a href="#">SCORE</a>	<a href="#">Comments /</a>
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This page gives you Search Results detail for the Application 10621269 and Search Result 20081027\_145928\_us-10-621-269a-10.rapbm.

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OM protein - protein search, using sw model

Run on: October 27, 2008, 19:59:42 ; Search time 9 Seconds  
(without alignments)  
520.996 Million cell updates/sec

Title: US-10-621-269A-10  
Perfect score: 30  
Sequence: 1 GYNMN 5  
Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 4190237 seqs, 964527045 residues

Total number of hits satisfying chosen parameters: 4190237

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /ABSS/Data/CRF/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /ABSS/Data/CRF/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /ABSS/Data/CRF/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /ABSS/Data/CRF/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /ABSS/Data/CRF/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /ABSS/Data/CRF/ptodata/2/pubpaa/US11A\_PUBCOMB.pep:\*  
7: /ABSS/Data/CRF/ptodata/2/pubpaa/US11B\_PUBCOMB.pep:\*  
8: /ABSS/Data/CRF/ptodata/2/pubpaa/US12\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

%

Result No.	Score	Query Match	Length	DB	ID	Description
1	30	100.0	19	4	US-10-468-924-4	Sequence 4, Appli
2	30	100.0	19	5	US-10-620-621-9	Sequence 9, Appli
3	30	100.0	19	5	US-10-758-397-4	Sequence 4, Appli
4	30	100.0	19	7	US-11-894-472-4	Sequence 4, Appli
5	30	100.0	20	3	US-09-839-447A-29	Sequence 29, Appl
6	30	100.0	20	4	US-10-153-271-29	Sequence 29, Appl
7	30	100.0	20	4	US-10-369-060A-29	Sequence 29, Appl
8	30	100.0	20	6	US-11-188-187A-29	Sequence 29, Appl
9	30	100.0	47	4	US-10-437-963-161029	Sequence 161029,
10	30	100.0	57	6	US-11-443-428A-982757	Sequence 982757,
11	30	100.0	92	4	US-10-425-115-277246	Sequence 277246,
12	30	100.0	113	4	US-10-468-370-674	Sequence 674, App
13	30	100.0	113	4	US-10-468-370-676	Sequence 676, App
14	30	100.0	113	4	US-10-468-370-678	Sequence 678, App
15	30	100.0	113	4	US-10-468-370-680	Sequence 680, App
16	30	100.0	113	4	US-10-468-370-682	Sequence 682, App
17	30	100.0	113	4	US-10-468-370-684	Sequence 684, App
18	30	100.0	113	4	US-10-468-370-686	Sequence 686, App
19	30	100.0	113	4	US-10-468-370-688	Sequence 688, App
20	30	100.0	113	4	US-10-468-496-2005	Sequence 2005, Ap
21	30	100.0	113	4	US-10-468-496-2007	Sequence 2007, Ap
22	30	100.0	113	4	US-10-468-496-2009	Sequence 2009, Ap
23	30	100.0	113	4	US-10-468-496-2011	Sequence 2011, Ap
24	30	100.0	113	4	US-10-468-496-2013	Sequence 2013, Ap
25	30	100.0	113	4	US-10-468-496-2015	Sequence 2015, Ap
26	30	100.0	113	4	US-10-468-496-2017	Sequence 2017, Ap
27	30	100.0	113	4	US-10-468-496-2019	Sequence 2019, Ap
28	30	100.0	113	4	US-10-737-208A-2	Sequence 2, Appli
29	30	100.0	113	6	US-11-599-687-2	Sequence 2, Appli
30	30	100.0	113	6	US-11-716-878-674	Sequence 674, App
31	30	100.0	113	6	US-11-716-878-676	Sequence 676, App
32	30	100.0	113	6	US-11-716-878-678	Sequence 678, App
33	30	100.0	113	6	US-11-716-878-680	Sequence 680, App
34	30	100.0	113	6	US-11-716-878-682	Sequence 682, App
35	30	100.0	113	6	US-11-716-878-684	Sequence 684, App
36	30	100.0	113	6	US-11-716-878-686	Sequence 686, App
37	30	100.0	113	6	US-11-716-878-688	Sequence 688, App
38	30	100.0	117	5	US-10-816-938-10	Sequence 10, Appl
39	30	100.0	118	5	US-10-627-556-310	Sequence 310, App
40	30	100.0	118	5	US-10-627-556-316	Sequence 316, App
41	30	100.0	119	5	US-10-438-246-9780	Sequence 9780, Ap
42	30	100.0	119	6	US-11-097-812-63	Sequence 63, Appl
43	30	100.0	119	6	US-11-097-812-64	Sequence 64, Appl
44	30	100.0	119	6	US-11-097-812-65	Sequence 65, Appl
45	30	100.0	119	6	US-11-097-812-66	Sequence 66, Appl

## ALIGNMENTS

## RESULT 1

US-10-468-924-4

; Sequence 4, Application US/10468924

; Publication No. US20040127408A1

```
; GENERAL INFORMATION:
; APPLICANT: YEDA Research and Development Co. Ltd
; APPLICANT: MOZES, Edna
; TITLE OF INVENTION: Synthetic Human Peptides and Pharmaceutical Compositions Comprising
them
; TITLE OF INVENTION: for the Treatment of Systemic Lupus Erythematosus
; FILE REFERENCE: TEVA-003 PCT
; CURRENT APPLICATION NUMBER: US/10/468,924
; CURRENT FILING DATE: 2003-08-21
; PRIOR APPLICATION NUMBER: IL 141647
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Murine
US-10-468-924-4
```

```
Query Match      100.0%; Score 30; DB 4; Length 19;
Best Local Similarity 100.0%; Pred. No. 40;
Matches      5; Conservative      0; Mismatches      0; Indels      0; Gaps      0;
```

```
Qy      1 GYNMN 5
        |||||
Db      1 GYNMN 5
```

## RESULT 2

US-10-620-621-9

```
; Sequence 9, Application US/10620621
; Publication No. US20040235729A1
; GENERAL INFORMATION:
; APPLICANT: MOZES, Edna
; WAISMAN, Ari
; TITLE OF INVENTION: SYNTHETIC PEPTIDES AND PHARMACEUTICAL
; COMPOSITIONS COMPRISING THEM FOR THE TREATMENT
; OF SYSTEMIC LUPUS ERYTHEMATOSUS (SLE)
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 624 Ninth Street N.W., Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: United States of America
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/620,621
; FILING DATE: 17-Jul-2003
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/913,994
; FILING DATE: 29-Sep-1997
```

```

; APPLICATION NUMBER: PCT/US96/04206
; FILING DATE: 27-MAR-1996
; APPLICATION NUMBER: IL 113,159
; FILING DATE: 28-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: MOZES=2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-10-620-621-9

```

```

Query Match          100.0%; Score 30; DB 5; Length 19;
Best Local Similarity 100.0%; Pred. No. 40;
Matches      5; Conservative    0; Mismatches    0; Indels    0; Gaps    0;

```

```

Qy      1 GYNMN 5
       |||||
Db      1 GYNMN 5

```

## RESULT 3

US-10-758-397-4

```

; Sequence 4, Application US/10758397
; Publication No. US20050008634A1
; GENERAL INFORMATION:
; APPLICANT: Cohen-Vered, et al., Sharon
; TITLE OF INVENTION: PARENTERAL FORMULATIONS OF PEPTIDES FOR THE TREATMENT OF SYSTEMIC
LUPUS
; TITLE OF INVENTION: ERYTHEMATOSUS
; FILE REFERENCE: 2609/68811-A
; CURRENT APPLICATION NUMBER: US/10/758,397
; CURRENT FILING DATE: 2004-01-14
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide based on CDR of mouse autoantibody
US-10-758-397-4

```

```

Query Match          100.0%; Score 30; DB 5; Length 19;
Best Local Similarity 100.0%; Pred. No. 40;
Matches      5; Conservative    0; Mismatches    0; Indels    0; Gaps    0;

```

```

Qy      1 GYNMN 5

```

|||||

Db

1 GYNMN 5

## RESULT 4

US-11-894-472-4

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; Sequence 4, Application US/11894472
; Publication No. US20080119390A1
; GENERAL INFORMATION:
; APPLICANT: MOZES, Edna
; TITLE OF INVENTION: PEPTIDES FROM THE 16/6id ANTIBODY FOR TREATING SLE
; FILE REFERENCE: TEVA-003 US
; CURRENT APPLICATION NUMBER: US/11/894,472
; CURRENT FILING DATE: 2007-09-05
; PRIOR APPLICATION NUMBER: US/10/468,924A
; PRIOR FILING DATE: 2004-01-26
; PRIOR APPLICATION NUMBER: IL 141647
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: PCT/IL02/00148
; PRIOR FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Murine
US-11-894-472-4
```

```
Query Match          100.0%; Score 30; DB 7; Length 19;
Best Local Similarity 100.0%; Pred. No. 40;
Matches      5; Conservative      0; Mismatches      0; Indels      0; Gaps      0;
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Qy 1 GYNMN 5

|||||

Db 1 GYNMN 5

## RESULT 5

US-09-839-447A-29

```
; Sequence 29, Application US/09839447A
; Patent No. US20020058247A1
; GENERAL INFORMATION:
; APPLICANT: Sallberg, Matti
; TITLE OF INVENTION: SYNTHETIC PEPTIDES THAT BIND TO THE
; TITLE OF INVENTION: HEPATITIS B VIRUS CORE AND E ANTIGENS
; FILE REFERENCE: TRIPEP.020CP1
; CURRENT APPLICATION NUMBER: US/09/839,447A
; CURRENT FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 09/556605
; PRIOR FILING DATE: 2000-04-21
; NUMBER OF SEQ ID NOS: 111
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 29
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
```

; OTHER INFORMATION: Artificial Peptide  
US-09-839-447A-29

Query Match 100.0%; Score 30; DB 3; Length 20;  
Best Local Similarity 100.0%; Pred. No. 42;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GYNMN 5  
|||||  
Db 10 GYNMN 14

## RESULT 6

US-10-153-271-29

; Sequence 29, Application US/10153271  
; Publication No. US20030082186A1  
; GENERAL INFORMATION:  
; APPLICANT: Sallberg, Matti  
; TITLE OF INVENTION: SYNTHETIC PEPTIDES THAT BIND TO THE  
; TITLE OF INVENTION: HEPATITIS B VIRUS CORE AND E ANTIGENS  
; FILE REFERENCE: TRIPEP.020DV1  
; CURRENT APPLICATION NUMBER: US/10/153,271  
; CURRENT FILING DATE: 2002-05-21  
; PRIOR APPLICATION NUMBER: 09/556,605  
; PRIOR FILING DATE: 2000-04-21  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 29  
; LENGTH: 20  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Artificial Peptide  
US-10-153-271-29

Query Match 100.0%; Score 30; DB 4; Length 20;  
Best Local Similarity 100.0%; Pred. No. 42;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GYNMN 5  
|||||  
Db 10 GYNMN 14

## RESULT 7

US-10-369-060A-29

; Sequence 29, Application US/10369060A  
; Publication No. US20030235815A1  
; GENERAL INFORMATION:  
; APPLICANT: Sallberg, Matti  
; TITLE OF INVENTION: SYNTHETIC PEPTIDES THAT BIND TO THE  
; TITLE OF INVENTION: HEPATITIS B VIRUS CORE AND E ANTIGENS  
; FILE REFERENCE: TRIPEP.020CP1C1  
; CURRENT APPLICATION NUMBER: US/10/369,060A  
; CURRENT FILING DATE: 2003-02-14  
; PRIOR APPLICATION NUMBER: 09/839,447  
; PRIOR FILING DATE: 2001-04-20

```

; PRIOR APPLICATION NUMBER: 09/556,605
; PRIOR FILING DATE: 2000-04-21
; NUMBER OF SEQ ID NOS: 111
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 29
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Mus musculus
US-10-369-060A-29

```

```

Query Match          100.0%; Score 30; DB 4; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches      5; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 GYNMN 5
        |||||
Db      10 GYNMN 14

```

## RESULT 8

```

US-11-188-187A-29
; Sequence 29, Application US/11188187A
; Publication No. US20060020110A1
; GENERAL INFORMATION:
; APPLICANT: Sallberg, Matti
; TITLE OF INVENTION: SYNTHETIC PEPTIDES THAT BIND TO THE
; TITLE OF INVENTION: HEPATITIS B VIRUS CORE AND E ANTIGENS
; FILE REFERENCE: TRIPEP.20CP1C1C
; CURRENT APPLICATION NUMBER: US/11/188,187A
; CURRENT FILING DATE: 2005-07-22
; PRIOR APPLICATION NUMBER: 10/369,060
; PRIOR FILING DATE: 2003-02-14
; PRIOR APPLICATION NUMBER: 09/839,447
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: 09/556,605
; PRIOR FILING DATE: 2000-04-21
; NUMBER OF SEQ ID NOS: 111
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 29
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically prepared amino acid sequence
US-11-188-187A-29

```

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Query Match          100.0%; Score 30; DB 6; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches      5; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 GYNMN 5
        |||||
Db      10 GYNMN 14

```

## RESULT 9

US-10-437-963-161029  
 ; Sequence 161029, Application US/10437963  
 ; Publication No. US20040123343A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: La Rosa, Thomas J.  
 ; APPLICANT: Kovalic, David K.  
 ; APPLICANT: Zhou, Yihua  
 ; APPLICANT: Cao, Yongwei  
 ; APPLICANT: Wu, Wei  
 ; APPLICANT: Boukharov, Andrey A.  
 ; APPLICANT: Barbazuk, Brad  
 ; APPLICANT: Li, Ping  
 ; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With  
 ; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement  
 ; FILE REFERENCE: 38-21(53221)B  
 ; CURRENT APPLICATION NUMBER: US/10/437,963  
 ; CURRENT FILING DATE: 2003-05-14  
 ; NUMBER OF SEQ ID NOS: 204966  
 ; SEQ ID NO 161029  
 ; LENGTH: 47  
 ; TYPE: PRT  
 ; ORGANISM: Oryza sativa  
 ; FEATURE:  
 ; OTHER INFORMATION: Clone ID: PAT\_MRT4530\_60251C.1.pap  
 US-10-437-963-161029

Query Match 100.0%; Score 30; DB 4; Length 47;  
 Best Local Similarity 100.0%; Pred. No. 1e+02;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GYNMN 5  
 |||||  
 Db 42 GYNMN 46

## RESULT 10

US-11-443-428A-982757  
 ; Sequence 982757, Application US/11443428A  
 ; Publication No. US20070083334A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Mintz, Liat  
 ; APPLICANT: Xie, Hanqing  
 ; APPLICANT: Dahari, Dvir  
 ; APPLICANT: Levanon, Erez  
 ; APPLICANT: Freilich, Shiri  
 ; APPLICANT: Beck, Nili  
 ; APPLICANT: Zhu, Wei-Yong  
 ; APPLICANT: Wasserman, Alon  
 ; APPLICANT: Hermesh, Chen  
 ; APPLICANT: Azar, Idit  
 ; APPLICANT: Bernstein, Jeanne  
 ; TITLE OF INVENTION: METHODS AND SYSTEMS USEFUL FOR ANNOTATING BIOMOLECULAR SEQUENCES  
 ; FILE REFERENCE: 02/23929  
 ; CURRENT APPLICATION NUMBER: US/11/443,428A  
 ; CURRENT FILING DATE: 2006-05-31  
 ; NUMBER OF SEQ ID NOS: 1034312



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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 982757
; LENGTH: 57
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-443-428A-982757
```

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Query Match          100.0%; Score 30; DB 6; Length 57;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches      5; Conservative    0; Mismatches    0; Indels      0; Gaps      0;
```

```
Qy      1 GYNMN 5
        |||||
Db      9 GYNMN 13
```

# RESULT 11

```
US-10-425-115-277246
; Sequence 277246, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 277246
; LENGTH: 92
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_184428C.1.pep
US-10-425-115-277246
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Query Match          100.0%; Score 30; DB 4; Length 92;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      5; Conservative    0; Mismatches    0; Indels      0; Gaps      0;
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```
Qy      1 GYNMN 5
        |||||
Db     13 GYNMN 17
```

# RESULT 12

```
US-10-468-370-674
; Sequence 674, Application US/10468370
; Publication No. US20040082039A1
; GENERAL INFORMATION:
; APPLICANT: Gillies, Stephen
; APPLICANT: Carr, Francis J.
; APPLICANT: Jones, Tim
; APPLICANT: Carter, Graham
```

```

; APPLICANT: Hamilton, Anita
; APPLICANT: Williams, Stephen
; APPLICANT: Hanlon, Marian
; APPLICANT: Watkins, John
; APPLICANT: Baker, Matthew
; APPLICANT: Way, Jeffrey
; TITLE OF INVENTION: ARTIFICIAL PROTEINS WITH REDUCED
; TITLE OF INVENTION: IMMUNOGENICITY
; FILE REFERENCE: MER-118
; CURRENT APPLICATION NUMBER: US/10/468,370
; CURRENT FILING DATE: 2003-08-19
; PRIOR APPLICATION NUMBER: EP 01103955.9
; PRIOR FILING DATE: 2001-02-19
; PRIOR APPLICATION NUMBER: EP 01108291.4
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: PCT/EP02/01690
; PRIOR FILING DATE: 2002-02-18
; NUMBER OF SEQ ID NOS: 689
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 674
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: MHC class II binding epitope
US-10-468-370-674

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Query Match          100.0%; Score 30; DB 4; Length 113;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches      5; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 GYNMN 5
        |||||
Db      31 GYNMN 35

```

## RESULT 13

```

US-10-468-370-676
; Sequence 676, Application US/10468370
; Publication No. US20040082039A1
; GENERAL INFORMATION:
; APPLICANT: Gillies, Stephen
; APPLICANT: Carr, Francis J.
; APPLICANT: Jones, Tim
; APPLICANT: Carter, Graham
; APPLICANT: Hamilton, Anita
; APPLICANT: Williams, Stephen
; APPLICANT: Hanlon, Marian
; APPLICANT: Watkins, John
; APPLICANT: Baker, Matthew
; APPLICANT: Way, Jeffrey
; TITLE OF INVENTION: ARTIFICIAL PROTEINS WITH REDUCED
; TITLE OF INVENTION: IMMUNOGENICITY
; FILE REFERENCE: MER-118
; CURRENT APPLICATION NUMBER: US/10/468,370
; CURRENT FILING DATE: 2003-08-19
; PRIOR APPLICATION NUMBER: EP 01103955.9

```

```

; PRIOR FILING DATE: 2001-02-19
; PRIOR APPLICATION NUMBER: EP 01108291.4
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: PCT/EP02/01690
; PRIOR FILING DATE: 2002-02-18
; NUMBER OF SEQ ID NOS: 689
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 676
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: De-immunized MHC class II binding epitope
US-10-468-370-676

```

```

Query Match          100.0%; Score 30; DB 4; Length 113;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches      5; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 GYNMN 5
        |||||
Db      31 GYNMN 35

```

## RESULT 14

```

US-10-468-370-678
; Sequence 678, Application US/10468370
; Publication No. US20040082039A1
; GENERAL INFORMATION:
; APPLICANT: Gillies, Stephen
; APPLICANT: Carr, Francis J.
; APPLICANT: Jones, Tim
; APPLICANT: Carter, Graham
; APPLICANT: Hamilton, Anita
; APPLICANT: Williams, Stephen
; APPLICANT: Hanlon, Marian
; APPLICANT: Watkins, John
; APPLICANT: Baker, Matthew
; APPLICANT: Way, Jeffrey
; TITLE OF INVENTION: ARTIFICIAL PROTEINS WITH REDUCED
; TITLE OF INVENTION: IMMUNOGENICITY
; FILE REFERENCE: MER-118
; CURRENT APPLICATION NUMBER: US/10/468,370
; CURRENT FILING DATE: 2003-08-19
; PRIOR APPLICATION NUMBER: EP 01103955.9
; PRIOR FILING DATE: 2001-02-19
; PRIOR APPLICATION NUMBER: EP 01108291.4
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: PCT/EP02/01690
; PRIOR FILING DATE: 2002-02-18
; NUMBER OF SEQ ID NOS: 689
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 678
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:

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; OTHER INFORMATION: De-immunized MHC class II binding epitope  
US-10-468-370-678

Query Match 100.0%; Score 30; DB 4; Length 113;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GYNMN 5  
|||||  
Db 31 GYNMN 35

## RESULT 15

US-10-468-370-680

; Sequence 680, Application US/10468370

; Publication No. US20040082039A1

; GENERAL INFORMATION:

; APPLICANT: Gillies, Stephen

; APPLICANT: Carr, Francis J.

; APPLICANT: Jones, Tim

; APPLICANT: Carter, Graham

; APPLICANT: Hamilton, Anita

; APPLICANT: Williams, Stephen

; APPLICANT: Hanlon, Marian

; APPLICANT: Watkins, John

; APPLICANT: Baker, Matthew

; APPLICANT: Way, Jeffrey

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; NUMBER OF SEQ ID NOS: 689

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; SEQ ID NO 680

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; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: De-immunized MHC class II binding epitope

US-10-468-370-680

Query Match 100.0%; Score 30; DB 4; Length 113;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GYNMN 5  
|||||  
Db 31 GYNMN 35

Search completed: October 27, 2008, 20:10:18

Job time : 9.38156 secs

SCORE 3.0